

Date: Fri, 30 Sep 94 15:09:08 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #1078  
To: Info-Hams

Info-Hams Digest                      Fri, 30 Sep 94                      Volume 94 : Issue 1078

Today's Topics:

                    \* SpaceNews 03-Oct-94 \*  
            APOLOGY for posting "MAKE.MONEY.FAST"  
                    Callbook online?  
                    Do YOU sign ur QSL?  
            Just Moved To Mississippi and....  
            Need info re: operation in Mexico  
                    ORBS\$273.10F2.AMSAT  
    RadioMap service expands into OH, PA, MO (and IL, IN, MI, NY, WI)  
                    Shops in NYC and Boston?  
                    toroid question  
                    UNIVERSITY RADIO CLUB  
            VTVMs? Anybody use these anymore?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 30 Sep 94 19:00:24 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: \* SpaceNews 03-Oct-94 \*  
To: info-hams@ucsd.edu

SB NEWS @ AMSAT \$SPC1003  
\* SpaceNews 03-Oct-94 \*

BID: \$SPC1003

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SpaceNews  
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MONDAY OCTOBER 3, 1994

SpaceNews originates at KD2BD in Wall Township, New Jersey, USA. It is published every week and is made available for unlimited free distribution.

\* SPACE CALENDAR \*

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Oct ?? - Solidaridad Ariane Launch  
Oct 03 - Soyuz TM-20 Launch (Russian)  
Oct 04 - 35th Anniversary (1959), Luna 3 L (Russian Moon Flyby)  
Oct 11 - Magellan Lowered into Atmosphere of Venus  
Oct 12 - 30th Anniversary (1964), Voskhod 1 Launch (1st 3-Man  
Space Flight)  
Oct 12-14 - Magellan Crashes to Surface of Venus  
Oct 18 - 5th Anniversary (1989), Galileo Launch  
Oct 20-22 - Orionids Meteor Shower  
Oct 27 - STS-66, Endeavour, Atmospheric Lab (ATLAS-3)  
Oct 28 - Sakigake, 3rd Earth Flyby (Japan)  
Oct 28 - 20th Anniversary (1974), Luna 23 Launch (Russian Moon Lander)  
Oct 31 - Orion 1 Atlas 2A Launch

[Info via Ron Baalke at JPL]

\* DP3MIR ACTIVE ABOARD MIR SOON \*

=====

German Astronaut Dr. Ulf Merbold will be QRV aboard the space station MIR signing DP3MIR during the ESA EUROMIR 94 mission starting 03-OCT-1994. In order to give actual information regarding the mission to as many radio amateurs and SWLs as possible, he will use the digital voice memory of MIR's ham radio equipment designed and built by Thomas Kieselbach, DL2MDE. Thomas made an arrangement with Ulf Merbold, DP3MIR, to load actual spoken reports into the digital memory frequently, as time permits however, probably every 2-3 days. The reports in English and German will then be retransmitted automatically during the consecutive orbits on 145.550 MHz FM in regular time intervals. Ulf Merbold will stay aboard MIR for 30 days.

[Info via Norbert, DF5DP, DARC Coordinator Satellites and Space Projects]

\* INTERNATIONAL SYMPOSIUM \*

=====

The SpaceOps '94 International Symposium sponsored by the NASA/Goddard Space Flight Center (GSFC) will be held on November 15-18, 1994 at the Greenbelt Marriott Hotel in Greenbelt, Maryland.

The theme for the SpaceOps '94 is opportunities in ground data systems for high efficiency operations of space missions. Of special interest are techniques leading to improved system productivity, effectiveness, and efficiency; trade-offs between mission requirements and end-to-end system architectures; and new technologies and techniques for systems suited to future space missions.

The SpaceOps '94 will serve as a vehicle for communicating results and plans concerning present and future operations of space missions and ground systems. It generally attracts 400 specialists from many countries who take this opportunity to share their experience and knowledge with others engaged in similar activities.

For more information, please contact:  
Laura Capella, Conference Coordinator  
Jorge Scientific Corporation  
Suite 1130  
7500 Greenway Center Drive  
Greenbelt, MD 20771  
Voice: 301-220-1701      Fax: 301-220-1704  
E-mail: [spaceops@kong.gsfc.nasa.gov](mailto:spaceops@kong.gsfc.nasa.gov)

A detailed version of this announcement is available via World Wide Web. The Mosaic access path is: <http://ddwilson.gsfc.nasa.gov/SpaceOps.html>.

[Info via Diem V. Nguyen]

\* AO-21 NEWS \*

=====

Satellite controllers recently noticed a significant event on AO-21. There have been 51 multi-bit errors in the RAMDISK where the actual WEFAX test image is stored. In addition, temporary bit errors in the EPROM that is used for testing purposes were found in the RAMDISK as well. At about the same time, operations at the host spacecraft resulted in a temperature increase of about 6 degrees C. Fortunately the program running in the RTX computer had been continuing to operate smoothly. Users could only notice that the FAX picture had been automatically replaced by telemetry in the schedule.

In order to find out what really happened, controllers are looking for copies of the AFSK Packet Telemetry of RUDAK II transmitted from 15-Sep-94

to 18-Sep-94. Copies should be sent:

- via PACKET to Robert: DD4YR @DB0AAB.#BAY.DEU.EU
- or via INTERNET to Peter : db2os@amsat.org

[Info via Gerhard DG2CV @ DB0AAB.#BAY.DEU.EU]

★ THANKS! ★

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Thanks to all those who sent messages of appreciation to SpaceNews,  
especially:

N2RPN

KC4WP

HG8LVS

★ FEEDBACK/INPUT WELCOMED ★

=====

Mail to SpaceNews should be directed to the editor (John, KD2BD) via any  
of the following paths:

FAX : 1-908-747-7107

PACKET : KD2BD @ N2KZH.NJ.USA.NA

INTERNET : kd2bd@ka2qhd.de.com -or- kd2bd@amsat.org

SATELLITE : AMSAT-OSCAR-16, LUSAT-OSCAR-19

MAIL : John A. Magliacane, KD2BD  
Department of Engineering and Technology  
Advanced Technology Center  
Brookdale Community College  
Lincroft, New Jersey 07738  
U.S.A.

<<= SpaceNews: The first amateur newsletter read in space! -=>>

/EX

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John A. Magliacane, KD2BD \* /\ \* Voice : 1-908-224-2948  
Advanced Technology Center |/\| Packet : KD2BD @ N2KZH.NJ.USA.NA  
Brookdale Community College |/\| Internet: magliaco@pilot.njin.net  
Lincroft, NJ 07738 \* \/\ \* Morse : -. -.. ..--- .... -..

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Date: Thu, 29 Sep 1994 18:06:24 UTC

From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!news.eunet.fi!

anon.penet.fi@network.ucsd.edu  
Subject: APOLOGY for posting "MAKE.MONEY.FAST"  
To: info-hams@ucsd.edu

#### APOLOGY

Oh, I did not know this is a scam before I got some responses informing me the background of it. I thought it was legal as stated in the original posting ("Title 18, Sec. 1302 & 1341 of the postal lottery laws"). I'm really sorry. Could you, if you can, remove the posting or tell me how to remove it? Thanks. Sorry again.

Also, since I can not remember exactly all the news groups I posted "M.M.F", my apology also definitely applies to those groups that I might miss to say sorry. It is my intention to remove ALL my "M.M.F" postings.

-----  
To find out more about the anon service, send mail to help@anon.penet.fi. Due to the double-blind, any mail replies to this message will be anonymized, and an anonymous id will be allocated automatically. You have been warned. Please report any problems, inappropriate use etc. to admin@anon.penet.fi.

-----  
Date: Thu, 29 Sep 1994 08:15:30 -500 CDT  
From: agate!howland.reston.ans.net!news.sprintlink.net!redstone.interpath.net!ddsw1!mbi.moody.edu!farslayer.moody.edu!pwalker@ames.arpa  
Subject: Callbook online?  
To: info-hams@ucsd.edu

In article <Charles.R.Hohenstein.1-280994191024@mac35.debartolo.lab.nd.edu>  
Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:  
>From: Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein)  
>Subject: Re: Callbook online?  
>Date: 29 Sep 1994 00:14:34 GMT

>In article <tjaCwrHA6.31M@netcom.com>, tja@netcom.com (T.J. Alessi) wrote:  
>>  
>> I presently use the callbook server at "callbook.cs.buffalo.edu" and it  
>> is OK, but does anyone know of others (more up to date that I can telnet  
>> into?  
>>  
>The Buffalo callsign server is updated periodically. It has simply been a  
>while since an update (January). Since then, there has been new info  
>available on CD ROM, so it is probably just a matter of time until the  
>callsign server is brought up to date. I myself have several QSLs which I  
>am holding until there is an update.

>Does anyone know when an update is likely to occur? Perhaps after the

>release of the October update from Buckmaster?

It is stated somewhere on the buffalo server that updates only occur when somebody donates an updated cd-rom. Until somebody buckles up and gives the maintainer the means to upgrade I don't think it will happen.

Paul Walker N9WHG

-----  
Date: Thu, 29 Sep 94 09:55:08 PDT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!cs.utexas.edu!  
csc.ti.com!tilde.csc.ti.com!sislnews.csc.ti.com!usenet@network.ucsd.edu,  
Subject: Do YOU sign ur QSL?  
To: info-hams@ucsd.edu

In article <9409290722.AA03878@dacws2>,  
<martin%dacws2%dac.isei.jrc.it@cen.jrc.it> writes:

> Hi QSLers,  
>  
> Guess for many awards QSLs must be signed by an operator. This is often  
> neglected by hams that print labels for QSLs via their computer....  
>  
> Question: Do unsigned QSLs qualify for DXCC?  
> Question: Do unsigned QSLs qualify for WAS?  
>  
> 73 de IK2RMZ  
>

-----Response ----- --

I don't know the answer to your specific question about DXCC  
and WAS, but I have an opinion.

In my opinion it should not make any difference for any award  
whether the card is signed, stamped or whatever by the person  
verifying the contact. The people or organizations who administer  
the award programs do not have my signature on file, nor the  
signature or stamp of other QSL manager, so how can they say a  
card is invalid.

However, major organizations like the ARRL, CQ, DARC see thousands  
of cards and probably learn over a period of time what cards are  
valid and which ones are not.

Just my opinion, for what it is worth.

73, Bob Winn, W5KNE, VK9XN, VK9YW, VI9XN, XE0KNE, etc.

w5kne@mcimail.com  
> martin%dacws2@dac.isei.jrc.it  
> (if this bounces try martin@dac.isei.jrc.it)  
>

-----  
Date: 29 Sep 1994 11:21:41 -0500  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-  
state.edu!darwin.sura.net!csc.mc.edu!csc.mc.edu!not-for-mail@network.ucsd.edu  
Subject: Just Moved To Mississippi and....  
To: info-hams@ucsd.edu

I just Moved to Jackson MS (from NYC) and have been trying to find  
other hams here..... So I did the logical thing and turned on the  
2m rig and checked out a few rept. (there were lots in the arrl book)  
the rept. were there but there were NO users! Last night I let my  
rig sacan 3 repts. on 2 freq. (6 rept in all) and NOTHING!  
I know what u are thinking and yes I did check each rept. and it  
was up and running.....Boy I wish there was as much free freq. in NYC!

In any case if anyone knows any hams here in MS please drop me a line!

Thanx

Mark Acierno  
n2uem

--  
Mark J. Acierno  
Mississippi College  
Clinton, MS 39058  
inet: acierno@mc.edu  
(601)957-6783

-----  
Date: Thu, 29 Sep 94 09:05:51 -0500  
From: elroy.jpl.nasa.gov!swrinde!sgiblab!uhog.mit.edu!news.mtholyoke.edu!  
news.umass.edu!news2.near.net!news.delphi.com!usenet@ames.arpa  
Subject: Need info re: operation in Mexico  
To: info-hams@ucsd.edu

Answer to my own question, which I found locally: You must present your  
license, IN PERSON, at the Mexican Dept. of Transportation, typically  
at a border crossing (port of entry), and pay \$30. You will receive a  
Mexican call (no longer your own call with XE...appended) which is good  
for 6 months.

Joe.

WZ5R

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Date: 30 Sep 94 04:16:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: ORBS\$273.10F2.AMSAT  
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-273.0  
Orbital Elements 273.OSCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES  
FROM WA5QGD FORT WORTH, TX September 30, 1994  
BID: \$ORBS-273.0  
TO ALL RADIO AMATEURS BT

Satellite: A0-10  
Catalog number: 14129  
Epoch time: 94271.03742138  
Element set: 310  
Inclination: 26.8572 deg  
RA of node: 305.7899 deg  
Eccentricity: 0.6028491  
Arg of perigee: 214.5625 deg  
Mean anomaly: 84.8801 deg  
Mean motion: 2.05882968 rev/day  
Decay rate: -3.51e-06 rev/day^2  
Epoch rev: 8490  
Checksum: 317

Satellite: U0-11  
Catalog number: 14781  
Epoch time: 94268.00144558  
Element set: 733  
Inclination: 97.7853 deg  
RA of node: 278.0514 deg  
Eccentricity: 0.0011286  
Arg of perigee: 316.0016 deg  
Mean anomaly: 44.0298 deg  
Mean motion: 14.69247006 rev/day  
Decay rate: 6.3e-07 rev/day^2  
Epoch rev: 56496  
Checksum: 309

Satellite: RS-10/11  
Catalog number: 18129  
Epoch time: 94268.02843046



Element set: 960  
Inclination: 82.9213 deg  
RA of node: 255.0378 deg  
Eccentricity: 0.0013217  
Arg of perigee: 103.9971 deg  
Mean anomaly: 256.2651 deg  
Mean motion: 13.72341657 rev/day  
Decay rate: 2.4e-07 rev/day^2  
Epoch rev: 36360  
Checksum: 295

Satellite: A0-13

Catalog number: 19216  
Epoch time: 94268.85908553  
Element set: 967  
Inclination: 57.7254 deg  
RA of node: 229.1074 deg  
Eccentricity: 0.7234287  
Arg of perigee: 351.1080 deg  
Mean anomaly: 0.8163 deg  
Mean motion: 2.09723820 rev/day  
Decay rate: -2.52e-06 rev/day^2  
Epoch rev: 4812  
Checksum: 309

Satellite: F0-20

Catalog number: 20480  
Epoch time: 94267.85666911  
Element set: 728  
Inclination: 99.0534 deg  
RA of node: 40.9163 deg  
Eccentricity: 0.0541308  
Arg of perigee: 113.7310 deg  
Mean anomaly: 252.1529 deg  
Mean motion: 12.83227496 rev/day  
Decay rate: -4.3e-07 rev/day^2  
Epoch rev: 21691  
Checksum: 301

Satellite: A0-21

Catalog number: 21087  
Epoch time: 94270.45240692  
Element set: 516  
Inclination: 82.9370 deg  
RA of node: 67.0209 deg  
Eccentricity: 0.0035263  
Arg of perigee: 157.2387 deg  
Mean anomaly: 203.0290 deg

Mean motion: 13.74545468 rev/day  
Decay rate: 9.4e-07 rev/day^2  
Epoch rev: 18363  
Checksum: 300

Satellite: RS-12/13  
Catalog number: 21089  
Epoch time: 94271.56766864  
Element set: 733  
Inclination: 82.9192 deg  
RA of node: 294.7832 deg  
Eccentricity: 0.0028994  
Arg of perigee: 177.7183 deg  
Mean anomaly: 182.4109 deg  
Mean motion: 13.74047129 rev/day  
Decay rate: 4.9e-07 rev/day^2  
Epoch rev: 18284  
Checksum: 353

Satellite: ARSENE  
Catalog number: 22654  
Epoch time: 94262.03583661  
Element set: 280  
Inclination: 2.0483 deg  
RA of node: 94.8577 deg  
Eccentricity: 0.2912797  
Arg of perigee: 191.9219 deg  
Mean anomaly: 161.1305 deg  
Mean motion: 1.42202795 rev/day  
Decay rate: -1.23e-06 rev/day^2  
Epoch rev: 253  
Checksum: 285

/EX

SB KEPS @ AMSAT \$ORBS-273.D  
Orbital Elements 273.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS  
FROM WA5QGD FORT WORTH, TX September 30, 1994  
BID: \$ORBS-273.D  
TO ALL RADIO AMATEURS BT

Satellite: U0-14  
Catalog number: 20437  
Epoch time: 94267.73275563  
Element set: 33  
Inclination: 98.5870 deg  
RA of node: 351.1405 deg

Eccentricity: 0.0010299  
Arg of perigee: 260.0414 deg  
Mean anomaly: 99.9603 deg  
Mean motion: 14.29855473 rev/day  
Decay rate:  $-2.5e-07$  rev/day<sup>2</sup>  
Epoch rev: 24381  
Checksum: 308

Satellite: A0-16

Catalog number: 20439  
Epoch time: 94267.78457414  
Element set: 831  
Inclination: 98.5958 deg  
RA of node: 352.5326 deg  
Eccentricity: 0.0010595  
Arg of perigee: 261.0681 deg  
Mean anomaly: 98.9301 deg  
Mean motion: 14.29909495 rev/day  
Decay rate:  $-9.0e-08$  rev/day<sup>2</sup>  
Epoch rev: 24383  
Checksum: 343

Satellite: D0-17

Catalog number: 20440  
Epoch time: 94267.72918637  
Element set: 832  
Inclination: 98.5966 deg  
RA of node: 352.8356 deg  
Eccentricity: 0.0010733  
Arg of perigee: 260.0751 deg  
Mean anomaly: 99.9213 deg  
Mean motion: 14.30049404 rev/day  
Decay rate:  $-8.0e-08$  rev/day<sup>2</sup>  
Epoch rev: 24384  
Checksum: 316

Satellite: W0-18

Catalog number: 20441  
Epoch time: 94271.76451361  
Element set: 835  
Inclination: 98.5960 deg  
RA of node: 356.8130 deg  
Eccentricity: 0.0011169  
Arg of perigee: 247.9646 deg  
Mean anomaly: 112.0349 deg  
Mean motion: 14.30023688 rev/day  
Decay rate:  $5.0e-08$  rev/day<sup>2</sup>  
Epoch rev: 24442

Checksum: 299

Satellite: L0-19

Catalog number: 20442

Epoch time: 94270.19646934

Element set: 830

Inclination: 98.5970 deg

RA of node: 355.5485 deg

Eccentricity: 0.0011476

Arg of perigee: 252.3414 deg

Mean anomaly: 107.6519 deg

Mean motion: 14.30121238 rev/day

Decay rate:  $2.1e-07$  rev/day<sup>2</sup>

Epoch rev: 24421

Checksum: 291

Satellite: U0-22

Catalog number: 21575

Epoch time: 94271.75002581

Element set: 537

Inclination: 98.4270 deg

RA of node: 344.1110 deg

Eccentricity: 0.0007774

Arg of perigee: 348.3894 deg

Mean anomaly: 11.7113 deg

Mean motion: 14.36932512 rev/day

Decay rate:  $-8.0e-08$  rev/day<sup>2</sup>

Epoch rev: 16795

Checksum: 297

Satellite: K0-23

Catalog number: 22077

Epoch time: 94271.88179524

Element set: 430

Inclination: 66.0802 deg

RA of node: 62.8714 deg

Eccentricity: 0.0015417

Arg of perigee: 262.7001 deg

Mean anomaly: 97.2266 deg

Mean motion: 12.86287673 rev/day

Decay rate:  $-3.7e-07$  rev/day<sup>2</sup>

Epoch rev: 10012

Checksum: 291

Satellite: A0-27

Catalog number: 22825

Epoch time: 94267.75824516

Element set: 329

Inclination: 98.6459 deg  
RA of node: 342.5288 deg  
Eccentricity: 0.0008049  
Arg of perigee: 282.3616 deg  
Mean anomaly: 77.6664 deg  
Mean motion: 14.27634788 rev/day  
Decay rate: -7.0e-08 rev/day^2  
Epoch rev: 5189  
Checksum: 359

Satellite: IO-26

Catalog number: 22826  
Epoch time: 94270.18478472  
Element set: 327  
Inclination: 98.6423 deg  
RA of node: 344.9794 deg  
Eccentricity: 0.0008520  
Arg of perigee: 275.0739 deg  
Mean anomaly: 84.9475 deg  
Mean motion: 14.27740073 rev/day  
Decay rate: 2.0e-08 rev/day^2  
Epoch rev: 5224  
Checksum: 322

Satellite: KO-25

Catalog number: 22830  
Epoch time: 94270.17228034  
Element set: 334  
Inclination: 98.5467 deg  
RA of node: 341.1307 deg  
Eccentricity: 0.0010700  
Arg of perigee: 237.2473 deg  
Mean anomaly: 122.7684 deg  
Mean motion: 14.28064200 rev/day  
Decay rate: 1.3e-07 rev/day^2  
Epoch rev: 5225  
Checksum: 261

Satellite: 22828

Catalog number: 22828  
Epoch time: 94270.24174961  
Element set: 306  
Inclination: 98.6418 deg  
RA of node: 345.0583 deg  
Eccentricity: 0.0009417  
Arg of perigee: 258.9002 deg  
Mean anomaly: 101.1119 deg  
Mean motion: 14.28066941 rev/day

Decay rate: 5.0e-08 rev/day^2  
Epoch rev: 2034  
Checksum: 300

/EX

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Date: Thu, 29 Sep 1994 16:32:39 GMT  
From: ihnp4.ucsd.edu!agate!dog.ee.lbl.gov!overload.lbl.gov!lll-winken.llnl.gov!  
fnnews.fnal.gov!gw1.att.com!nntpa!not-for-mail@network.ucsd.edu  
Subject: RadioMap service expands into OH, PA, MO (and IL, IN, MI, NY, WI)  
To: info-hams@ucsd.edu

[NOTE: If you have a question about the following post,  
please do not send e-mail. Instead, please telephone  
(708)554-3839, between 5 - 10 PM central time. Thanks.]

RadioMap Service Expands into  
Ohio, Pennsylvania, Missouri

by Bob Parnass, AJ9S

As someone involved in solving radio and TV interference problems, I've spent a lot of time identifying the transmitting antennas and towers I see in my travels. An FCC database is useful, but the transmitter site information is either vague or incorrect.

Over 15% of the FCC licenses, including many fast food restaurants, contain transmitter latitude and longitude but specify no transmitter city. To determine the location of those transmitters requires using the latitude and longitude information.

I developed a process which produces a color map of FCC licensed and selected FAA transmitter sites in an area, given a center location (latitude/longitude) and a range (in miles). I call this new innovation a RadioMap(TM). It allows you to identify antenna sites (including paging and cellular phone cell sites) and visualize the transmitter locations in your neighborhood, around your office, near your repeater, at an airport, and other places of interest -- from VLF through microwave.

A map of local transmitter sites is very useful when solving intermod problems and is of interest to scanner buffs, too.

Streets, rivers, and ham radio stations are not shown as they would clutter the RadioMap. RadioMap includes key sheets which list frequencies, callsigns, and licensee names. In rural areas, ranges of up to 10 miles are possible, while ranges of 1/2 to 2 miles produce best results in urban cities.

Currently, I produce custom color 8-1/2" by 11" RadioMaps, suitable for framing or laminating, only for areas in:

Illinois  
Indiana  
Michigan  
Missouri  
New York  
Ohio  
Pennsylvania  
Wisconsin

Watch for future announcements as new states are added.

Send \$19.95 (\$16.95 + \$3 for shipping & handling) for each color RadioMap, your name, address, and telephone number, along with center location (lat/long or nearest intersection of 2 streets) to: Bob Parnass, 2350 Douglas Road, Oswego, IL 60543. tel. (708)554-3839 6-10 PM central time.

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Copyright 1994, Bob Parnass, AJ9S  
AT&T Bell Laboratories - parnass@ihlpf.att.com - (708)979-5414

-----  
Date: 29 Sep 1994 14:35:57 GMT  
From: news.columbia.edu!watsun.cc.columbia.edu!alan@RUTGERS.EDU  
Subject: Shops in NYC and Boston?  
To: info-hams@ucsd.edu

In article <780839383snz@microvst.demon.co.uk>,  
Anthony R. Gold <tgold@microvst.demon.co.uk> wrote:  
>I've noticed that several electronics gadget shops in the 42nd Street,  
>Times Square to 8th Avenue area sport 2m HT's in the windows. I hate  
>to think who buys these and for what purpose, but you might check these  
>out for price. By the way Barry's will move or has just moved. They are or  
>will be about a half block uptown, still on Broadway.

>--

>Tony, G3SKR & AA2PM

A New Yorker's warning to tourists: Enjoy our city. Don't get ripped off by the camera/electronics rip-off shops! We use those shops exclusively to \*look\* at the HTs before mail-ordering them from a reputable mail order company. There is no store in NYC that has ham radio equipment at good prices.

73 de Alan N2YGK

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Date: 29 Sep 1994 04:27:46 -0500  
From: illuminati.io.com!pentagon.io.com!beavis@uunet.uu.net  
Subject: toroid question  
To: info-hams@ucsd.edu

I hope this is not a completely stupid question:  
I have been building a qrp rig and was wondering about how to wind the toroids. If you need, say, 12 turns, what are the differences between bunching the windings together tightly or evenly spacing them out. Ditto for a transformer, should you space out secondary turns over the primary ones or keep both wound tightly (and neatly) with the secondary atop (and centered) on the primary. I know there are plenty of variables, but could somebody give me a rough idea of the major factors involved here?  
tnx, beavis (beavis@io.com)

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Date: 29 Sep 1994 20:42:52 -0400  
From: dziuxsolim.rutgers.edu!hardees.rutgers.edu!not-for-mail@uunet.uu.net  
Subject: UNIVERSITY RADIO CLUB  
To: info-hams@ucsd.edu

wolfgang.scherer@ccxbbs.uunet.ve writes:

> Earlier this week Rich (N3HLS) asked about existing University Radio Clubs. I  
> don't know if he was referring to the USA only, but I can tell you about the  
> YV5USB, or the Simon Bolivar University Radio Club, located just outside of  
> Caracas.

For those interested, there is a university club mailing list you can



join. The list is "ham-univ@listserver.njit.edu". Its a normal LISTERV- send subscription requests to "ham-univ-request@listserver.njit.edu" (\*PLEASE\* dont send requests to the list itself!!!)

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Tim Hayes <thayes@noc.Rutgers.EDU> Rutgers University Computing Services  
PGP KEY FINGERPRINT: 05 A2 83 DE 81 A0 AF 1D 74 02 BE 99 FB 8E AF 4C

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Date: 29 SEP 94 10:27:32  
From: pa.dec.com!mrnews.mro.dec.com!est.enet.dec.com!randolph@decwrl.dec.com  
Subject: VTVMs? Anybody use these anymore?  
To: info-hams@ucsd.edu

In article <36cb3h\$4di@tadpole.fc.hp.com>, keith@fc.hp.com (John Keith) writes...  
>Tom Randolph (randolph@est.enet.dec.com) wrote:

>

>: I picked up a neat old VTVM ("Knight" by Allied Radio) for \$3 at a flea this  
>: past weekend. So far I've determined that it works 100% so far as I can tell,  
>: and that the input is 10Mohms.

>

>Granted your price was low, but why would you want to use one of these when  
>you can get a digital unit with better accuracy, autoranging, autopolarity,  
>more resolution, in a small package, not line operated, etc., etc. for not  
>that much more cost?

Errr, I dunno... howzabout cuz I can measure up to 500 MHz with the proper probe? HP did tubes once upon a time...

Other than that, it amuses me that the most complex thing inside is the rotary switches, yet I can make useful RF measurements.

My scope, which is broken, only goes to 2 MHz, BTW.

-Tom R. N100Q randolph@est.enet.dec.com

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End of Info-Hams Digest V94 #1078

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